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predetermined area; and generating a third modifier signal having either a positive scat belt usage signal indicating that a seat belt is in an engaged position or a negative seat belt usage signal indicating that the seat belt is in a disengaged position; and wherein step (e) includes the step of modifying the output signal to disable the occupant restraint system when either the negative occupant presence signal, the negative child seat signal, or the negative seat belt usage signal is generated.

End.